```
* * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 14:37:42 ON 11 SEP 2009

=> file reg
COST IN U.S. DOLLARS                                  SINCE FILE      TOTAL
                                                         ENTRY      SESSION
FULL ESTIMATED COST                                      0.22         0.22

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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:   10 SEP 2009  HIGHEST RN 1182403-54-8
DICTIONARY FILE UPDATES:  10 SEP 2009  HIGHEST RN 1182403-54-8

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TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

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http://www.cas.org/support/stngen/stndoc/properties.html

=>
Uploading C:\Documents and Settings\mpepitone\My
Documents\ChemDraw\10578623\cpa2.str
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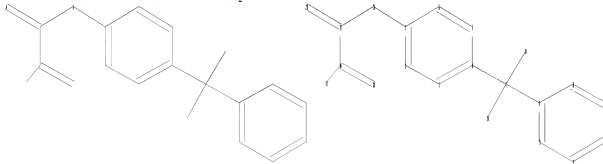


```
chain nodes :
21
ring nodes :
1  2  3  4  5  6  9  11  12  13  14  15
ring/chain nodes :
```

```
7   8   10   16   17   18   19   20
chain bonds :
19-21
ring/chain bonds :
1-16   4-7   7-8   7-9   7-10   16-17   17-18   17-19   19-20
ring bonds :
1-2   1-6   2-3   3-4   4-5   5-6   9-11   9-15   11-12   12-13   13-14   14-15
exact/norm bonds :
4-7   7-8   7-9   7-10   17-19   19-20
exact bonds :
1-16   16-17   17-18   19-21
normalized bonds :
1-2   1-6   2-3   3-4   4-5   5-6   9-11   9-15   11-12   12-13   13-14   14-15


Match level :
1:Atom   2:Atom   3:Atom   4:Atom   5:Atom   6:Atom   7:CLASS   8:CLASS   9:Atom   10:CLASS
11:Atom   12:Atom   13:Atom   14:Atom   15:Atom   16:CLASS   17:CLASS   18:CLASS   19:CLASS
 20:CLASS   21:CLASS




L1       STRUCTURE UPLOADED

=> s l1 exa full
FULL SEARCH INITIATED 14:38:25 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -       11 TO ITERATE

100.0% PROCESSED       11 ITERATIONS                          4 ANSWERS
SEARCH TIME: 00.00.01

L2           4 SEA EXA FUL L1

=>
Uploading C:\Documents and Settings\mpepitone\My
Documents\ChemDraw\10578623\cpa1.str
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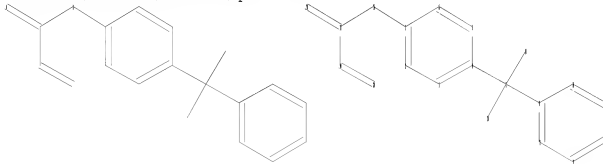


```
ring nodes :
1   2   3   4   5   6   9   11   12   13   14   15
ring/chain nodes :
7   8   10   16   17   18   19   20
ring/chain bonds :
```

```
1-16  4-7  7-8  7-9  7-10  16-17  17-18  17-19  19-20
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6  9-11  9-15  11-12  12-13  13-14  14-15
exact/norm bonds :
4-7  7-8  7-9  7-10  17-19  19-20
exact bonds :
1-16  16-17  17-18
normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6  9-11  9-15  11-12  12-13  13-14  14-15


Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:CLASS  8:CLASS  9:Atom  10:CLASS
11:Atom  12:Atom  13:Atom  14:Atom  15:Atom  16:CLASS  17:CLASS  18:CLASS  19:CLASS
 20:CLASS




L3      STRUCTURE UPLOADED

=> s l3 exa full
FULL SEARCH INITIATED 14:38:49 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -       5 TO ITERATE

100.0% PROCESSED       5 ITERATIONS                          1 ANSWERS
SEARCH TIME: 00.00.01

L4          1 SEA EXA FUL L3

=> file caplus
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                ENTRY        SESSION
FULL ESTIMATED COST                            125.68       125.90

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FILE COVERS 1907 - 11 Sep 2009  VOL 151 ISS 12
FILE LAST UPDATED: 10 Sep 2009  (20090910/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED:  Jun 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE:  Jun 2009

CAplus now includes complete International Patent Classification (IPC)
reclassification data for the third quarter of 2009.

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The ALL, BIB, MAX, and STD display formats in the CA/CAplus family
of databases have been updated to include new citing references
information.  This enhancement may impact record import into
database management software.  For additional information, refer
to NEWS 9.

```
=> s l2
L5          14 L2

=> d ibib abs hitstr 1-
YOU HAVE REQUESTED DATA FROM 14 ANSWERS - CONTINUE? Y/(N):y

L5   ANSWER 1 OF 14  CAPLUS  COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER:         2005:1173871  CAPLUS
DOCUMENT NUMBER:          143:449369
TITLE:                    Photosensitive resin composition for dry-film
                          photoresists for printed circuit boards
INVENTOR(S):              Sugiyama, Takekatsu; Wakata, Yuichi; Takahashi,
                          Hidetomo
PATENT ASSIGNEE(S):       Fuji Photo Film Co., Ltd., Japan
SOURCE:                   Jpn. Kokai Tokkyo Koho, 62 pp.
                          CODEN: JKXXAF
DOCUMENT TYPE:            Patent
LANGUAGE:                 Japanese
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:

      PATENT NO.          KIND   DATE       APPLICATION NO.        DATE
      ---------------     ----   --------   --------------------   --------
      JP 2005309097       A      20051104   JP 2004-125974         20040421
PRIORITY APPLN. INFO.:                      JP 2004-125974         20040421
AB    The composition contains polymerizable compds., binder resins including
      copolymers, and a photopolym. initiator and is developable with weak alkaline
      developers, wherein polymerizable compds. and/or binder copolymers have
      carboxyl group esters and hydroxy group esters and are stable in the
      developer solns. and decomposed in a photoresist removing solns.  Composition
      provides photoresists showing good removal with photoresist removing
      solns.
IT    68443-35-6
      RL: TEM (Technical or engineered material use); USES (Uses)
         (photosensitive resin composition for dry-film photoresists)
RN    68443-35-6  CAPLUS
CN    2-Propenoic acid, 2-methyl-, 4-(1-methyl-1-phenylethyl)phenyl ester  (CA
      INDEX NAME)
```
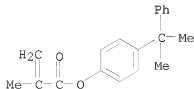


```
OS.CITING REF COUNT:       1      THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
                                  (1 CITINGS)

L5   ANSWER 2 OF 14  CAPLUS  COPYRIGHT 2009 ACS on STN
```